

Physics Syllabus

Instructor - Mr. Spears, Rm 303, charles.spears@bullitt.kyschools.us, 502-869-6140

Textbook - "Physics" by Serway and Faughn

Course Description - This course will cover a variety of physics topics including; force and motion, momentum, Newton's laws, electricity, energy, waves, stars, and quantum mechanics. The course will be inquiry based with labs and projects being an integral part of the class.

Objectives/Goal - The goal is to prepare students for college and career readiness by teaching physics concepts and scientific skills they can use to investigate, study and explain the world around them. This will also give students a deeper understanding of how physics is used and impacts their daily lives.

Grading - Overall grades will be based on tests, quizzes, (some unannounced), labs, bell-ringers, projects, homework, in-class assignments, and class participation. There will be a final exam. As it is very important that students make an honest effort and try, partial credit will normally be given.

Teacher Website - Assignments, important documents, power points, links, etc. will be posted on the teacher website. The website address is <http://spearssciencebchs.weebly.com>.

Make-up Work/Missed Tests and Labs - ***It is the responsibility of the student*** to make up missed assignments, tests and labs. Tests and labs will need to be made up after school within 14 days of the test being given or lab being conducted.

Extra Help - I will normally be available after school most days until 3:30 pm, except Tuesday.

Lab Fee - There is a \$15 lab fee for this class to purchase supplies for experiments. This fee is due by FRIDAY September 2, 2016. If you need to, arrangements can be made to pay the fee in small increments.

Required Materials - **You must come to class prepared with something to write on, (notebook or loose leaf paper) and something to write with, (pencil, blue or black pen).** You will be receiving hand outs and worksheets routinely and will need a binder or folder with pockets to keep them organized. A scientific calculator would be helpful.

Safety Contract/Safety Quiz - Each student will be required to fill out and return a lab safety contract and pass a lab safety quiz before being able to participate in science labs and activities. As student safety is paramount, failure to follow instructions or horseplay during labs will result in the student losing their lab privileges and receiving a zero for that lab.

Classroom Expectations -

- Everyone is treated with respect
- All students will be successful
- Students will come to class on time, prepared and ready to learn
- Students will do the right thing, be honest and act with integrity

Classroom Procedures -

- Class starts when the bell rings, with you doing the bell ringer and me taking attendance
- One person talks at a time, (If I'm talking, you're not)
 - Raise your hand to speak and be called on
- **No Phones or other electronics**
- **No food**
- Drinks are okay, container **must** have a lid, (No open containers)
- You get 3 restroom passes each quarter
- Stay in your seat
- No throwing
- I dismiss you, not the bell

Student's Name, (printed) _____

Student's Signature _____

Parent's Signature _____

Parent's Email/Phone # _____